

AMENDMENTS TO THE DRAWINGS:

The attached sheets of drawings replace Figures 1-11. These replacement figures are larger and more clearly printed than the figures they replace.

Figure 1 has been amended to remove the prior element numbers and add element numbers conforming to those used in the specification. "Holographic grating" has been amended to "Color Separator".

Figure 2 has been amended to remove the prior art element numbers. Ellipses were added to one block.

Figure 3 has been amended to remove the prior element numbers. The subscript "1" was added to "Dynamic Curve 1".

Figure 4 has been amended to add text legends to elements 5, 6, 16, 22. The element number for the video camera was changed from "16" to "22".

Attachment: Replacement Sheets

REMARKS

The application has been amended and is believed to be in condition for allowance.

The Official Action objected to the drawings as not of sufficient quality to permit examination. A new set of drawings are submitted responsive to the objection. Other amendments noted above were made.

The Official Action objected to the abstract of the specification for containing improper language. A new abstract is provided responsive to the objection.

The Official Action objected to the claims for the use of the language "means designated to." The Official Action required the substitution of the phrase "means for" in place of "means designated to." The claims have been amended responsive to the objection.

The Official Action objected to the claims and the specification for not having structures in the specification corresponding to "means designated to" claim recitation, where the Official Action interprets "means designated to" as "means for" under 35 USC 112, sixth paragraph.

The Official Action rejected claims 1-7 under 35 USC 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The Official Action stated that the claims employing "means designated to" clauses, interpreted by the Official Action as "means for" clauses, fail to find support in the specification defining what the actual apparatus is that performs the specifically claimed functions.

In response, claims 1-7 have been cancelled. New claims 8-14 recite the elements of cancelled claims 1-7 in a manner responsive to the rejection under 35 USC 112, second paragraph and more clearly recite the invention. The claims find support in Figures 1 and 4, elements 1-22, and the specification at page 4, line 23 through page 7, line 12 (with respect to the imaging and computer hardware) and page 7 line 17 through page 18 (with respect to the programming of the computer). Claims 8-14 are believed to be in patentable condition and do not introduce new matter.

New claims 15-24 are introduced to further claim the invention. These new claims do not rely on 35 USC 112, sixth paragraph. The new claims are believed to be patentable and do not introduce new matter, finding support in the specification and Figures 1-4.

From the foregoing, it will be apparent that applicants have fully responded to the June 1, 2007 Official Action and that the claims as presented are patentable. In view of this, applicants respectfully request reconsideration of the claims, as presented, and their early passage to issue.

In order to expedite the prosecution of this case, it is requested that the Examiner telephone the attorney for applicants at the number set forth below if the Examiner is of the opinion that further discussion of this case would be helpful.

The Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17.

Respectfully submitted,

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APPENDIX:

The Appendix includes the following item(s):

- ☐ - a terminal disclaimer
- ☐ - a 37 CFR 1.132 Declaration
- ☒ - a new or amended Abstract of the Disclosure
- ☒ - Replacement Sheets for Figures 1-11 of the drawings
- ☐ - a Substitute Specification and a marked-up copy of the originally-filed specification
- ☐ - a verified English translation of foreign priority document